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| Substitute Form PTO-1449<br>(Modified)   | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>13906-196001 | Application No.<br>10/816,909 |
| <b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br>(37 CFR §1.98(b)) |  | Applicant<br>Marcus Dill, et al.      |                               |
|  |  | Filing Date<br>April 5, 2004          | Group Art Unit<br>2181        |

| U.S. Patent Documents |           |                 |                  |                |       |          |                            |
|-----------------------|-----------|-----------------|------------------|----------------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee       | Class | Subclass | Filing Date If Appropriate |
| /LH/                  | AA        | 2003/0212789    | 11/13/2003       | Hamel et al.   |       |          |                            |
| ↓                     | AB        | 2004/0122790    | 06/24/2004       | Walker et al.  |       |          |                            |
|                       | AC        | 2004/0128204    | 07/01/2004       | Cihla et al.   |       |          |                            |
|                       | AD        | 2004/0164961    | 08/26/2004       | Bal et al.     |       |          |                            |
|                       | AE        | 2004/0215522    | 10/28/2004       | Eder           |       |          |                            |
|                       | AF        | 6,510,457       | 01/21/2003       | Ayukawa et al. |       |          |                            |
|                       | AG        |                 |                  |                |       |          |                            |
|                       | AH        |                 |                  |                |       |          |                            |
|                       | AI        |                 |                  |                |       |          |                            |
|                       | AJ        |                 |                  |                |       |          |                            |
|                       | AK        |                 |                  |                |       |          |                            |

| Foreign Patent Documents or Published Foreign Patent Applications |           |                 |                  |                          |       |          |             |    |
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| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|   |           |                 |                  |                          |       |          | Yes         | No |
|   | AL        |                 |                  |                          |       |          |             |    |
|   | AM        |                 |                  |                          |       |          |             |    |
|   | AN        |                 |                  |                          |       |          |             |    |
|   | AO        |                 |                  |                          |       |          |             |    |
|   | AP        |                 |                  |                          |       |          |             |    |

| Other Documents (include Author, Title, Date, and Place of Publication) |           |   |
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| Examiner Initial  | Desig. ID | Document  |
|   | AQ        | Chaudhuri, Surajit, et al., "An Overview of Data Warehousing and OLAP Technology," <u>ACM SIGMOD Record</u> , Vol. 26, Issue 1, 1997, pp. 65-74 |
|   | AR        |   |
|   | AS        |   |
|   | AT        |   |

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| Examiner Signature<br>/Leon Harper/  | Date Considered<br>05/25/2007 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                               |

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| <b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br>(37 CFR §1.98(b)) |  | Applicant<br>Marcus Dill, et al.      |                               |
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| U.S. Patent Documents |           |                 |                  |              |       |          |                            |
|-----------------------|-----------|-----------------|------------------|--------------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee     | Class | Subclass | Filing Date If Appropriate |
| /LH/                  | AA        | 2002/0133490    | 09/19/2002       | Conkwright   |       |          | 12/18/2001                 |
|                       | AB        | 2002/0144174    | 10/03/2002       | Nwabueze     |       |          | 03/15/2001                 |
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|                       | AJ        |                 |                  |              |       |          |                            |

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| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|   |           |                 |                  |                          |       |          | Yes         | No |
|   | AK        | WO2003005232    | 01/16/2003       | WIPO                     |       |          |             |    |
|   | AL        |                 |                  |                          |       |          |             |    |
|   | AM        |                 |                  |                          |       |          |             |    |
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|   | AU        |          |

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|  | Applicant<br>Marcus Dill, et al.                           |                                       |                                    |
|  | Filing Date<br>April 5, 2004                               | Group Art Unit<br>Unknown             |                                    |

| U.S. Patent Documents |           |                 |                  |                    |       |          |                            |
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| /LH/                  | AA        | 6,510,457       | 1/21/03          | Ayukawa et al.     |       |          |                            |
| ↓                     | AB        | 6,460,037       | 10/1/02          | Weiss et al.       |       |          |                            |
|                       | AC        | 6,430,545       | 8/6/02           | Honarvar et al.    |       |          |                            |
|                       | AD        | 6,301,471       | 10/9/01          | Dahm et al.        |       |          |                            |
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|                       | AF        | 6,266,668       | 7/24/01          | Vanderveldt et al. |       |          |                            |
|                       | AG        | 6,173,310       | 1/9/01           | Yost et al.        |       |          |                            |
|                       | AH        | 6,049,599       | 4/11/00          | McCausland et al.  |       |          |                            |
|                       | AI        |                 |                  |                    |       |          |                            |
|                       | AJ        |                 |                  |                    |       |          |                            |
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